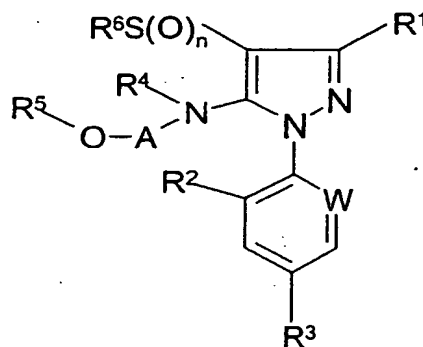


CLAIMS

1. A method of controlling parasites in or on an animal comprising administering to the animal a parasitocidally effective amount of a 5-substituted-alkylaminopyrazole derivative of formula (I):



(I)

wherein:

R¹ is CN;

W is C-halogen or C-CH₃;

R² is hydrogen, halogen or CH₃;

R³ is (C₁-C₃)-haloalkyl, (C₁-C₃)-haloalkoxy or S(O)ₚ-(C₁-C₃)-haloalkyl;

R⁴ is hydrogen, (C₂-C₆)-alkenyl, (C₂-C₆)-haloalkenyl, (C₂-C₆)-alkynyl, (C₂-C₆)-haloalkynyl, (C₃-C₇)-cycloalkyl, CO-(CH₂)ₑ-R⁷, COR⁸, CO-(CH₂)ₑ-R⁹, -CO-(C₁-C₄)-alkyl-(C₁-C₆)-alkoxy, -CO₂-(CH₂)ₑ-R⁷, -CO₂R⁸, -CO₂-(CH₂)ₑ-R⁹, -CO₂-(C₃-C₇)-cycloalkyl, -CO₂-(C₁-C₄)-alkyl-(C₃-C₇)-cycloalkyl, -CO₂-(C₃-C₆)-alkenyl, -CO₂-(C₃-C₆)-alkynyl, CONR¹⁰R¹¹, -CH₂R⁷, -CH₂R⁹, OR⁷, OR⁸ or OR⁹; or (C₁-C₆)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, (C₃-C₇)-cycloalkyl, S(O)ₚR⁸, CO₂-(C₁-C₆)-alkyl, -O(C=O)-(C₁-C₆)-alkyl, NR¹⁰COR¹², NR¹⁰R¹¹, CONR¹⁰R¹¹, SO₂NR¹⁰R¹¹, OH, CN, NO₂, OR⁷, NR¹⁰SO₂R⁸, COR⁸ and OR⁹;

A is (C₁-C₁₂)-alkylene or (C₁-C₁₂)-haloalkylene in which 2, 3 or 4 adjacent carbon atoms optionally form part of a (C₃-C₈)-cycloalkyl ring which is unsubstituted or substituted by one or more radicals selected from the group consisting of (C₁-C₆)-alkyl and halogen; or is (C₁-C₁₂)-alkylene or (C₁-C₁₂)-haloalkylene in which last two mentioned groups a methylene moiety is replaced by a group selected from

-C(=O)-, -C(=NH)-, -O-, -S- and -NR¹⁵-, with the proviso that the replacing group is not bonded to the adjacent O or N atom; or is (C₂-C₁₂)-alkenylene or (C₂-C₁₂)-haloalkenylene;

R⁵ is H, (C₃-C₆)-alkenyl, (C₃-C₆)-haloalkenyl, (C₃-C₆)-alkynyl, (C₃-C₆)-haloalkynyl, (C₃-C₇)-cycloalkyl, -(CH₂)_qR⁷, -(CH₂)_qR⁹ or NR¹⁰R¹; or is (C₁-C₆)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, (C₃-C₆)-alkenyloxy, (C₃-C₆)-haloalkenyloxy, (C₃-C₆)-alkynyloxy, (C₃-C₆)-haloalkynyloxy, (C₃-C₇)-cycloalkyl, S(O)_pR⁸, CN, NO₂, OH, COR¹⁰, NR¹⁰COR¹², NR¹⁰SO₂R⁸, CONR¹⁰R¹¹, NR¹⁰R¹¹, S(O)_pR⁷, S(O)_pR⁹, OR⁷, OR⁹ and CO₂R¹⁰; or when A is (C₁-C₁₂)-alkylene or (C₁-C₁₂)-haloalkylene and R⁵ is (C₁-C₆)-alkyl unsubstituted or substituted by one or more halogen radicals, one or more of the carbon atoms of R⁵ may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R⁶ is (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₂-C₆)-alkenyl, (C₂-C₆)-haloalkenyl, (C₂-C₆)-alkynyl or (C₂-C₆)-haloalkynyl;

R⁷ is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, CN, NO₂, S(O)_pR⁸, COR¹¹, COR¹³, CONR¹⁰R¹¹, SO₂NR¹⁰R¹¹, NR¹⁰R¹¹, OH, SO₃H and (C₁-C₆)-alkylideneimino;

R⁸ is (C₁-C₆)-alkyl or (C₁-C₆)-haloalkyl;

R⁹ is heterocyclyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₄)-alkyl, (C₁-C₄)-haloalkyl, (C₁-C₄)-alkoxy, (C₁-C₄)-haloalkoxy, NO₂, CN, CO₂(C₁-C₆)-alkyl, S(O)_pR⁸, OH and oxo;

R¹⁰ and R¹² are each independently H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-alkenyl, (C₃-C₆)-haloalkenyl, (C₃-C₆)-alkynyl, (C₃-C₆)-haloalkynyl, (C₃-C₆)-cycloalkyl, -(C₁-C₆)-alkyl-(C₃-C₆)-cycloalkyl, -(CH₂)_qR¹³ or -(CH₂)_qR⁹; or

R¹⁰ and R¹¹ and/or R¹⁰ and R¹² each together with the respective attached N atom form a five- or six-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl and (C₁-C₆)-haloalkyl;

R^{11} and R^{14} are each independently H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-cycloalkyl or -(C₁-C₆)-alkyl-(C₃-C₆)-cycloalkyl;

R^{13} is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, CN, NO₂, S(O)_pR⁸ and NR¹¹R¹⁴;

R^{15} is R^{11} or -(CH₂)_qR¹³;

n and p are each independently zero, one or two;

q is zero or one; and

each heterocyclyl in the above-mentioned radicals is independently a heterocyclic radical having 3 to 7 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S;
or a pesticidally acceptable salt thereof.

2. The method as claimed in claim 1, wherein the symbols and indices in formula (I) have the following meanings:

R^1 is CN;

W is C-Cl;

R^2 is chlorine;

R^3 is CF₃ or OCF₃;

R^4 is hydrogen, CO₂-(C₁-C₃)-alkyl, or (C₁-C₆)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen and (C₁-C₃)-alkoxy;

A is (C₁-C₄)-alkylene;

R^5 is (C₃-C₆)-cycloalkyl, -(CH₂)_qR⁷, (C₁-C₆)-alkyl or (C₁-C₆)-haloalkyl; or when R^5 is (C₁-C₆)-alkyl, one or more of the carbon atoms of the R^5 group may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 is CF₃, CF₂Cl, CFCl₂, CBrF₂ or CHF₂;

R^7 is phenyl;

n is zero, one or two; and

q is zero or one.

3. The method as claimed in claim 1, where the symbols and indices in formula (I) have the following meanings:

R^1 is CN;

W is C-halogen;

R^2 is hydrogen or halogen;

R^3 is CF_3 or OCF_3 ;

R^4 is hydrogen, (C_2-C_6) -alkenyl, (C_2-C_6) -haloalkenyl, (C_2-C_6) -alkynyl, (C_2-C_6) -haloalkynyl, (C_3-C_6) -cycloalkyl, $-CO_2-(C_1-C_6)$ -alkyl or $-CH_2R^7$; or (C_1-C_6) -alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6) -alkoxy, (C_1-C_6) -haloalkoxy, (C_3-C_6) -cycloalkyl, $S(O)_pR^8$ and $CO_2-(C_1-C_6)$ -alkyl;

A is (C_1-C_6) -alkylene or (C_1-C_6) -haloalkylene in which 2, 3 or 4 adjacent carbon atoms optionally form part of a (C_3-C_6) -cycloalkyl ring which is unsubstituted or substituted by one or more radicals selected from the group consisting of (C_1-C_6) -alkyl and halogen;

R^5 is (C_3-C_6) -cycloalkyl or $-(CH_2)_qR^7$; or is (C_1-C_6) -alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6) -alkoxy, (C_1-C_6) -haloalkoxy, (C_3-C_6) -cycloalkyl, $S(O)_pR^8$ and $CO_2-(C_1-C_6)$ -alkyl; or when A is (C_1-C_6) -alkylene or (C_1-C_6) -haloalkylene and R^5 is (C_1-C_6) -alkyl unsubstituted or substituted by one or more halogen radicals, one or more of the carbon atoms of R^5 may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 and R^8 are each independently (C_1-C_6) -alkyl or (C_1-C_6) -haloalkyl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6) -alkyl, (C_1-C_6) -haloalkyl, (C_1-C_6) -alkoxy, CN, NO_2 , $S(O)_pR^8$ and $NR^{10}R^{11}$;

R^{10} and R^{11} are each independently H, (C_1-C_6) -alkyl or (C_1-C_6) -haloalkyl;

n and p are each independently zero, one or two; and

q is zero or one.

4. 5-Substituted-alkylaminopyrazole derivatives of formula (I) as in claim 1, or pesticidally acceptable salts thereof, wherein:

R¹ is CN;

W is C-halogen or C-CH₃;

R² is hydrogen, halogen or CH₃;

R³ is (C₁-C₃)-haloalkyl, (C₁-C₃)-haloalkoxy or S(O)_p-(C₁-C₃)-haloalkyl;

R⁴ is (C₂-C₆)-alkenyl, (C₂-C₆)-haloalkenyl, (C₂-C₆)-alkynyl, (C₂-C₆)-haloalkynyl, (C₃-C₇)-cycloalkyl, CO-(CH₂)_q-R⁷, CO-(CH₂)_q-R⁹, -CO-(C₁-C₄)-alkyl-(C₁-C₆)-alkoxy, -CO₂-(CH₂)_q-R⁷, -CO₂R⁸, -CO₂-(CH₂)_q-R⁹, -CO₂-(C₃-C₇)-cycloalkyl, -CO₂-(C₁-C₄)-alkyl-(C₃-C₇)-cycloalkyl, -CO₂-(C₃-C₆)-alkenyl, -CO₂-(C₃-C₆)-alkynyl, CONR¹⁰R¹¹, -CH₂R⁷, -CH₂R⁹, OR⁷, OR⁸ or OR⁹; or (C₁-C₆)-alkyl which is substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, (C₃-C₇)-cycloalkyl, S(O)_pR⁸, CO₂-(C₁-C₆)-alkyl, -O(C=O)-(C₁-C₆)-alkyl, NR¹⁰COR¹², NR¹⁰R¹¹, CONR¹⁰R¹¹, SO₂NR¹⁰R¹¹, OH, CN, NO₂, OR⁷, NR¹⁰SO₂R⁸, COR⁸ and OR⁹;

A is (C₁-C₁₂)-alkylene and (C₁-C₁₂)-haloalkylene in which 2, 3 or 4 adjacent carbon atoms optionally form part of a (C₃-C₈)-cycloalkyl ring which is unsubstituted or substituted by one or more radicals selected from the group consisting of (C₁-C₆)-alkyl and halogen; or is (C₁-C₁₂)-alkylene or (C₁-C₁₂)-haloalkylene in which last two mentioned groups a methylene moiety is replaced by a group selected from -C(=O)-, -C(=NH)-, -O-, -S- and -NR¹⁵-, with the proviso that the replacing group is not bonded to the adjacent O or N atom; or is (C₂-C₁₂)-alkenylene or (C₂-C₁₂)-haloalkenylene;

R⁵ is H, (C₃-C₆)-alkenyl, (C₃-C₆)-haloalkenyl, (C₃-C₆)-alkynyl, (C₃-C₆)-haloalkynyl, (C₃-C₇)-cycloalkyl, -(CH₂)_qR⁷, -(CH₂)_qR⁹ or NR¹⁰R¹¹; or is (C₁-C₆)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, (C₃-C₆)-alkenyloxy, (C₃-C₆)-haloalkenyloxy, (C₃-C₆)-alkynyloxy, (C₃-C₆)-haloalkynyloxy, (C₃-C₇)-cycloalkyl, S(O)_pR⁸, CN, NO₂, OH, COR¹⁰, NR¹⁰COR¹², NR¹⁰SO₂R⁸, CONR¹⁰R¹¹, NR¹⁰R¹¹, S(O)_pR⁷, S(O)_pR⁹, OR⁷, OR⁹ and CO₂R¹⁰; or when A is (C₁-C₁₂)-alkylene or (C₁-C₁₂)-haloalkylene and R⁵ is (C₁-C₆)-alkyl unsubstituted or substituted by one or more halogen radicals, one or more of the carbon atoms of R⁵ may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 is (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₂-C₆)-alkenyl, (C₂-C₆)-haloalkenyl, (C₂-C₆)-alkynyl or (C₂-C₆)-haloalkynyl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, CN, NO₂, S(O)_pR⁸, COR¹¹, COR¹³, CONR¹⁰R¹¹, SO₂NR¹⁰R¹¹, NR¹⁰R¹¹, OH, SO₃H and (C₁-C₆)-alkylideneimino;

R^8 is (C₁-C₆)-alkyl or (C₁-C₆)-haloalkyl;

R^9 is heterocyclyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₄)-alkyl, (C₁-C₄)-haloalkyl, (C₁-C₄)-alkoxy, (C₁-C₄)-haloalkoxy, NO₂, CN, CO₂(C₁-C₆)-alkyl, S(O)_pR⁸, OH and oxo;

R^{10} and R^{12} are each independently H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-alkenyl, (C₃-C₆)-haloalkenyl, (C₃-C₆)-alkynyl, (C₃-C₆)-haloalkynyl, (C₃-C₆)-cycloalkyl, -(C₁-C₆)-alkyl-(C₃-C₆)-cycloalkyl, -(CH₂)_qR¹³ or -(CH₂)_qR⁹; or

R^{10} and R^{11} and/or R^{10} and R^{12} each together with the respective attached N atom form a five- or six-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl and (C₁-C₆)-haloalkyl;

R^{11} and R^{14} are each independently H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-cycloalkyl or -(C₁-C₆)-alkyl-(C₃-C₆)-cycloalkyl;

R^{13} is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, CN, NO₂, S(O)_pR⁸ and NR¹¹R¹⁴;

R^{15} is R^{11} or -(CH₂)_qR¹³;

n and p are each independently zero, one or two;

q is zero or one; and

each heterocyclyl in the above-mentioned radicals is independently a heterocyclic radical having 3 to 7 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S.

5. 5-Substituted-alkylaminopyrazole derivatives of formula (I) as in claim 1, or pesticidally acceptable salts thereof, wherein:

R^1 is CN;

W is C-halogen or C-CH₃;

R^2 is hydrogen, halogen or CH₃;

R^3 is (C₁-C₃)-haloalkyl, (C₁-C₃)-haloalkoxy or S(O)_p-(C₁-C₃)-haloalkyl;

R^4 is hydrogen, (C₁-C₆)-alkyl or COR⁸;

A is (C₁-C₁₂)-alkylene and (C₁-C₁₂)-haloalkylene in which 2, 3 or 4 adjacent carbon atoms optionally form part of a (C₃-C₈)-cycloalkyl ring which is unsubstituted or substituted by one or more radicals selected from the group consisting of (C₁-C₆)-alkyl and halogen; or is (C₁-C₁₂)-alkylene or (C₁-C₁₂)-haloalkylene in which last two mentioned groups a methylene moiety is replaced by a group selected from -C(=O)-, -C(=NH)-, -O-, -S- and -NR¹⁵-, with the proviso that the replacing group is not bonded to the adjacent O or N atom; or is (C₂-C₁₂)-alkenylene or (C₂-C₁₂)-haloalkenylene;

R^5 is H, (C₃-C₆)-alkenyl, (C₃-C₆)-haloalkenyl, (C₃-C₆)-alkynyl, (C₃-C₆)-haloalkynyl, (C₃-C₇)-cycloalkyl, -(CH₂)_qR⁷, -(CH₂)_qR⁹ or NR¹⁰R¹¹; or is (C₁-C₆)-alkyl substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, (C₃-C₆)-alkenyloxy, (C₃-C₆)-haloalkenyloxy, (C₃-C₆)-alkynyloxy, (C₃-C₆)-haloalkynyloxy, (C₃-C₇)-cycloalkyl, S(O)_pR⁸, CN, NO₂, OH, COR¹⁰, NR¹⁰COR¹², NR¹⁰SO₂R⁸, CONR¹⁰R¹¹, NR¹⁰R¹¹, S(O)_pR⁷, S(O)_pR⁹, OR⁷, OR⁹ and CO₂R¹⁰; or when A is (C₁-C₁₂)-alkylene or (C₁-C₁₂)-haloalkylene and R^5 is (C₁-C₆)-alkyl unsubstituted or substituted by one or more halogen radicals, one or more of the carbon atoms of R^5 may, together with O and one or more of the carbon atoms of A, form a 5- or 6-membered ring;

R^6 is (C₁-C₆)-haloalkyl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, CN, NO₂, S(O)_pR⁸, COR¹¹, COR¹³, CONR¹⁰R¹¹, SO₂NR¹⁰R¹¹, NR¹⁰R¹¹, OH, SO₃H and (C₁-C₆)-alkylideneimino;

R^8 is (C₁-C₆)-alkyl or (C₁-C₆)-haloalkyl;

R^9 is heterocyclyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₄)-alkyl, (C₁-C₄)-haloalkyl, (C₁-C₄)-alkoxy, (C₁-C₄)-haloalkoxy, NO₂, CN, CO₂(C₁-C₆)-alkyl, S(O)_pR⁸, OH and oxo;

R^{10} and R^{12} are each independently H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-alkenyl, (C₃-C₆)-haloalkenyl, (C₃-C₆)-alkynyl, (C₃-C₆)-haloalkynyl, (C₃-C₆)-cycloalkyl, -(C₁-C₆)-alkyl-(C₃-C₆)-cycloalkyl, $-(CH_2)_qR^{13}$ or $-(CH_2)_qR^9$; or

R^{10} and R^{11} and/or R^{10} and R^{12} each together with the respective attached N atom form a five- or six-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl and (C₁-C₆)-haloalkyl;

R^{11} and R^{14} are each independently H, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₃-C₆)-cycloalkyl or -(C₁-C₆)-alkyl-(C₃-C₆)-cycloalkyl;

R^{13} is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C₁-C₆)-alkyl, (C₁-C₆)-haloalkyl, (C₁-C₆)-alkoxy, (C₁-C₆)-haloalkoxy, CN, NO₂, S(O)_pR⁸ and NR¹¹R¹⁴;

R^{15} is R^{11} or $-(CH_2)_qR^{13}$;

n and p are each independently zero, one or two;

q is zero or one; and

each heterocyclyl in the above-mentioned radicals is independently a heterocyclic radical having 3 to 7 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S.

6. 5-Substituted-alkylaminopyrazole derivatives of formula (I), or pesticidally acceptable salts thereof, wherein:

R^1 is CN; R^2 is chlorine; R^3 is CF₃ or OCF₃; W is C-Cl; R^4 is hydrogen or (C₁-C₆)-alkyl; R^5 is (C₁-C₆)-alkyl; R^6 is CF₃; A is (C₂-C₃)-alkylene and n is zero, one or two.

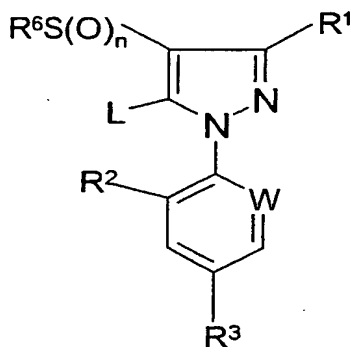
7. The use of compounds of formula (I) or pesticidally acceptable salts thereof according to one or more of claims 1 to 6 for the control of parasites in and on animals.

8. The use of compounds of formula (I) or pesticidally acceptable salts thereof according to one or more of claims 1 to 6 for preparing a veterinary medicament.

9. A pesticidal composition comprising a compound of formula (I) or a pesticidally acceptable salt thereof as defined in any one of claims 1 to 6, in association with a pesticidally acceptable diluent or carrier and/or surface active agent.

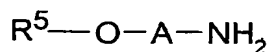
10. A process for the preparation of a compound of formula (I) or a salt thereof as defined in claim 1 to 6, which process comprises:

a) where R^1 , R^2 , R^3 , R^6 , W , A and n are as defined in claim 1, R^4 and R^5 are as defined in claim 1 with the exclusion of hydrogen, and R^4 is H, reacting a compound of formula (II):



(II)

wherein R^1 , R^2 , R^3 , R^6 , W and n are as defined in claim 1, and L is a leaving group, with a compound of formula (III):

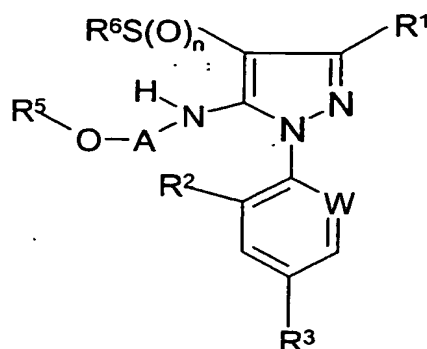


(III)

wherein A is as defined in claim 1 and R^5 is as defined in claim 1 with the exclusion of hydrogen; or

b) where R^1 , R^2 , R^3 , R^4 , R^6 , W , A and n are as defined in claim 1 and R^4 and R^5 are as defined in claim 1 with the exclusion of hydrogen, OR^7 , OR^8 and OR^9 , and R^5 is as defined in claim 8 with the exclusion of hydrogen, reacting a compound of formula (IV):

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(IV)

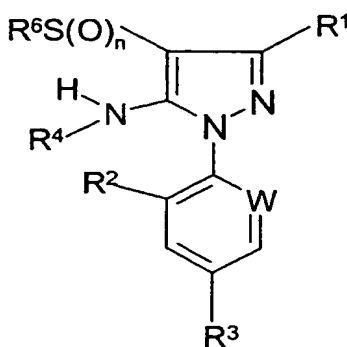
wherein R^1 , R^2 , R^3 , R^6 , W , A and n are as defined in claim 1 and R^5 is as defined in claim 1 with the exclusion of hydrogen, with a compound of formula (V):



(V)

wherein R^4 is as defined in claim 1 with the exclusion of hydrogen, OR^7 , OR^8 and OR^9 , and L^1 is a leaving group; or

c) where R^1 , R^2 , R^3 , R^4 , R^6 , W , A and n are as defined in claim 1 and R^5 is as defined in claim 1 with the exclusion of hydrogen, reacting a compound of formula (VI):



(VI)

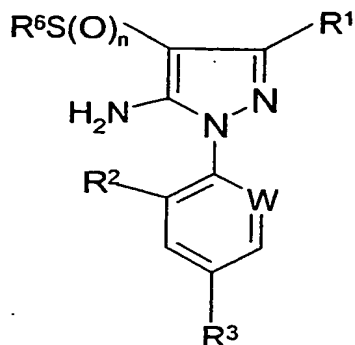
wherein R^1 , R^2 , R^3 , R^4 , R^6 , W and n are as defined in claim 1, with a compound of formula (VII):



(VII)

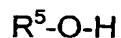
wherein A is as defined in claim 1, R^5 is as defined in claim 1 with the exclusion of hydrogen and L^2 is a leaving group; or

d) where R^1 , R^2 , R^3 , R^6 , W and n are as defined in claim 1, R^5 is as defined in claim 1 with the exclusion of hydrogen, R^4 is hydrogen and A is $-\text{CH}_2-$, reacting a compound of formula (VIII):



(VIII)

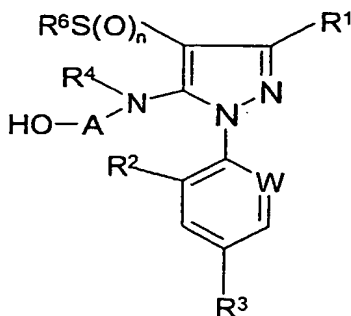
wherein R^1 , R^2 , R^3 , R^6 , W and n are as defined in claim 1, with a mixture of formaldehyde and a compound of formula (IX):



(IX)

wherein R^5 is as defined in claim 1 with the exclusion of hydrogen; or

e) where R^1 , R^2 , R^3 , R^4 , R^6 , A , W and n are as defined in claim 1, and R^5 is as defined in claim 1 with the exclusion of hydrogen, reacting a compound of formula (X):



(X)

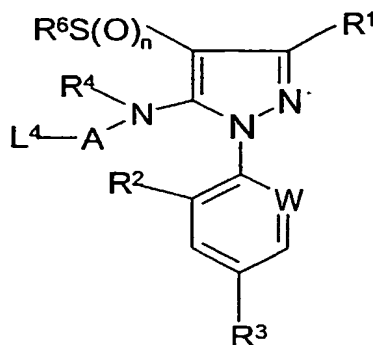
wherein R^1 , R^2 , R^3 , R^4 , A , W and n are as defined in claim 1, with a compound of formula (XI):



(XI)

wherein R^5 is as defined in claim 1 with the exclusion of hydrogen and L^3 is a leaving group; or

f) where R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , A, W and n are as defined in claim 1, reacting a compound of formula (XII):



(XII)

wherein R^1 , R^2 , R^3 , R^4 , A, W and n are as defined in claim 1 and L^4 is a leaving group, with a compound of formula (IX) as defined above; and

g) if desired, converting a resulting compound of formula (I) into a pesticidally acceptable salt thereof.